



U.S. Department of
Transportation



Intelligent Transportation Systems Standards Fact Sheet

SAE J2400

Forward Collision Warning Systems: Operating Characteristics and User Interface Requirements Information Report (Draft)

June 2002

Overview

Forward collision warning (FCW) systems are designed to alert drivers to potential collision situations and to help them avoid striking the rear of moving or stationary vehicles ahead. This information report describes elements for a FCW-operator interface, as well as requirements for and methods for testing systems capable of warning drivers of rear-end collisions

Who uses it?

This information report can be used by original equipment manufacturers (OEMs) and developers of FCW systems for passenger cars and trucks.

How is it used?

Those who design and develop FCW systems can use this report as guidance on how drivers interact with such systems. It also provides a framework for testing FCW systems.

Scope

This information report, **SAE J2400 - Forward Collision Warning Systems: Operating Characteristics and User Interface Requirements**, applies to original equipment and after-market FCW systems for passenger vehicles including cars, light trucks, and vans; it does not, however, apply to heavy trucks. This document also does not address integration issues associated with adaptive cruise control (ACC); consequently, aspects of the document could be inappropriate for an ACC system integrated with a FCW system.

Related documents

ISO Forward Distance Warning System (Draft)

SAE J2399 - Adaptive Cruise Control: Operating Characteristics and User Interface

To obtain a copy of this draft standard,
please contact:

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